First Named Inventor: Hidetsugu Motobe

Appl. Ser. No.: 10/565,407 Atty. Dkt. No.: 5682-00900

Amendments to the Claims

Please cancel claims 13 and 15 without prejudice.

The following listing of claims will replace all prior versions and/or listings of claims in

the application:

Listing of Claims:

1. (Currently amended): A process for producing a printed wiring board, which comprises:

gluing a prepreg to a metal foil surface and hot pressing the prepreg prepreg and the metal foil

surface to produce a laminate board, and forming a circuit on an outer layer of the laminate board

to yield a printed wiring board; wherein said prepreg is manufactured by impregnating a

reinforcing material with an epoxy resin composition followed by drying and semi-curing the

composition to B-stage; said epoxy resin composition comprising an epoxy resin, a phenol

novolac resin, a curing accelerator and a silica filler; wherein said silica filler is a silica filler

which has a shape having at least two planes, and has an average particle diameter between 0.3

 μ m and 10 μ m and a relative surface area between 8 m²/g and 30 m²/g.

2. (Previously presented): A process for producing a printed wiring board as described in claim

1, wherein said silica filler is a silica filler having at least two planes in the shape, an average

particle diameter between 0.3 μ m and 10 μ m and a relative surface area between 10 m²/g and 20

 m^2/g .

3. (Previously presented): A process for producing a printed wiring board as described in claim

1, wherein said silica filler is added in an amount of from 3% to 80% by weight per the solid

content of the resin.

4. (Previously presented): A process for producing a printed wiring board as described in claim

1, wherein said silica filler is a silica filler having an electric conductivity of 15 µs or less.

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5. (Previously presented): A process for producing a printed wiring board as described in claim

1, wherein said silica filler is a silica filler which has been vitrified through melting at a

temperature of 1800°C or higher.

6. (Previously presented): A process for producing a printed wiring board as described in claim

1, wherein said epoxy resin is an epoxy resin having a bromine content of between 5% and 20%

by weight per the solid content of the resin without silica filler and containing an epoxy resin

obtained by reacting a dihydric phenol with a bisphenol A type epoxy resin in an amount of

between 40% and 100% by weight based on the whole amount of the epoxy resin solid content.

7. (Previously presented): A process for producing a printed wiring board as described in claim

1, wherein said epoxy resin is an epoxy resin having a bromine content of between 5% and 20%

by weight per the solid content of the resin without silica filler and containing an epoxy resin

possessing a dicyclopentadienyl structure in an amount of between 40% and 100% by weight

based on the whole amount of the epoxy resin solid content.

8. (Previously presented): A process for producing a printed wiring board as described in claim

1, wherein said epoxy resin is an epoxy resin having a bromine content of between 5% and 20%

by weight per the solid content of the resin without silica filler and containing of a novolac type

epoxy resin in an amount of between 40% and 100% by weight based on the whole amount of the

epoxy resin solid content.

9. (Previously presented): A process for producing a printed wiring board as described in claim

1, wherein said epoxy resin composition is a bromine-free epoxy resin composition.

10. (Previously presented): A process for producing a printed wiring board, which comprises:

coupling a prepreg to a metal foil surface to produce a laminate board, and forming a circuit on

an outer layer of the laminate board to yield a printed wiring board; wherein said prepreg is

obtained by impregnating a reinforcing material with an epoxy resin composition for a printed

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wiring board and drying said composition to B-stage; said epoxy resin composition comprising an epoxy resin, a phenol novolac resin, a curing accelerator, and a silica filler which has a shape having at least two planes and has an average particle diameter between 0.3 µm and 10 µm and a relative surface area between 8 m²/g and 30 m²/g.

11. (Canceled)

12. (Previously presented): A printed wiring board, which is formed from a laminated board; wherein said laminate board is obtained by coupling a prepreg to a metal foil surface to produce a laminate board, and forming a circuit on an outer layer of the laminate board to yield a printed wiring board; wherein said prepreg is obtained by impregnating a reinforcing material with an epoxy resin composition for a printed wiring board and drying said composition to B-stage; said epoxy resin composition comprising an epoxy resin, a phenol novolac resin, a curing accelerator, and a silica filler which has a shape having at least two planes and has an average particle diameter between 0.3 µm and 10 µm and a relative surface area between 8 m²/g and 30 m²/g.

13-16. (Canceled)